

A New Species of *Tetrastigma* (Vitaceae) from the Ryukyus

Takasi YAMAZAKI

Botanical Gardens, Faculty of Science, University of Tokyo,
3-7-1 Hakusan, Bunkyo-ku, Tokyo, 112 JAPAN

(Received on December 1, 1993)

A new species *Tetrastigma*, *T. liukuense* Yamaz., is described from the Ryukyus.

A Ryukyu plant belonging to *Tetrastigma* has hitherto been treated as *T. formosanum* (Hemsl.) Gagnepain (Fig. 1c). However, it is distinctly different from *T. formosanum* of Taiwan by the petal with a hooked appendage at apex (Fig. 1a). Recently, Momiyama (1989) adopted *T. dentatum* (Hayata) Li of Taiwan (Fig. 1b) to this plant. But this plant also differs from *T. dentatum* in the glabrous inflorescences, the shortly acute leaves and the stigma-lobes shorter than the style-axis. Accordingly, this plant should be treated as an independent species.

***Tetrastigma liukuense* Yamazaki, sp. nov.**

Tetrastigma formosanum auct. non. Hemsley:
Nakai in Bot. Mag. Tokyo **36**: 68 (1922), p. p.;

Hatusima, Fl. Ryukyus: 395 (1971).

Tetrastigma dentatum auct. non Hayata:
Momiyama in Satake et al. ed., Wild Flow. Jap.,
Woody Pl. **2**: 62 (1989).

Lianae sempervirentia. Caulis gracilis, tetragonus, glaber. Cirrhi simplices, 3–7 cm longi. Folia alterna, ternata; stipuli 2, ovati, subacuti, ca. 3 mm longi, glabri; petiolus 2–4 cm longus, glaber; petioluli 2–10 mm longi, glabri; foliolium terminale oblongo-ovatum vel oblongum, 3–7 cm longum, 1–2.5 cm latum, apice acutum vel breviter acuminatum, basi cuneatum, foliola latealia leviter minora, ovata vel oblongo-ovata, apice acuta, basi inaequaliter rotundata, foliola omnia sparse serrata, serris appressis, apiculatis,

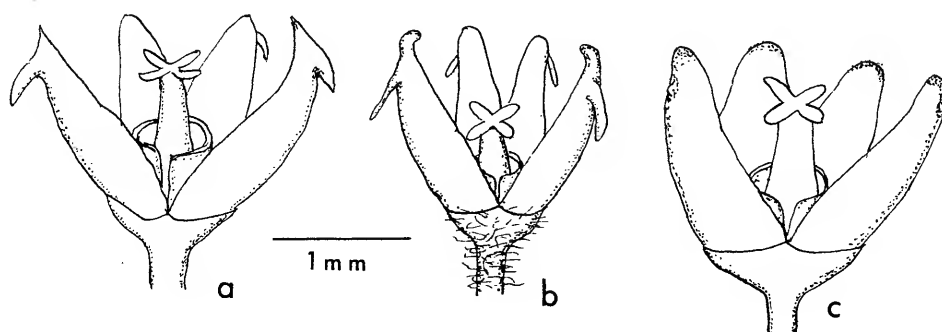


Fig. 1. Flowers. a. *Tetrastigma liukuense* Yamaz. b. *T. dentatum* (Hayata) Li. c. *T. formosanum* (Hemsl.) Gagnep.

utrinque glabra. Inflorescentiae oppositifoliae, corymboso-cymosae, 2–4 cm longae, 2–3 cm latae, pedunculis glabris, pedicelibus 1.5–3 mm longis, glabris. Calyx acetabuliformis, ca. 1 mm latus, glaber. Petala 4, ovata, acuta, ca. 1.5 mm longa, apice reflexo-

corniculata. Stamina 4, petalis leviter breviora. Stylus filiformis ca. 1 mm longus; stigma 4-lobata, quam stipes breviora. Fructus non vidi.

Hab. Okinawa Isl.: Kunigami, Magiri (Y. Tashiro, Feb. 1887, TI), Nago, in mountain (T. Tanaka, May

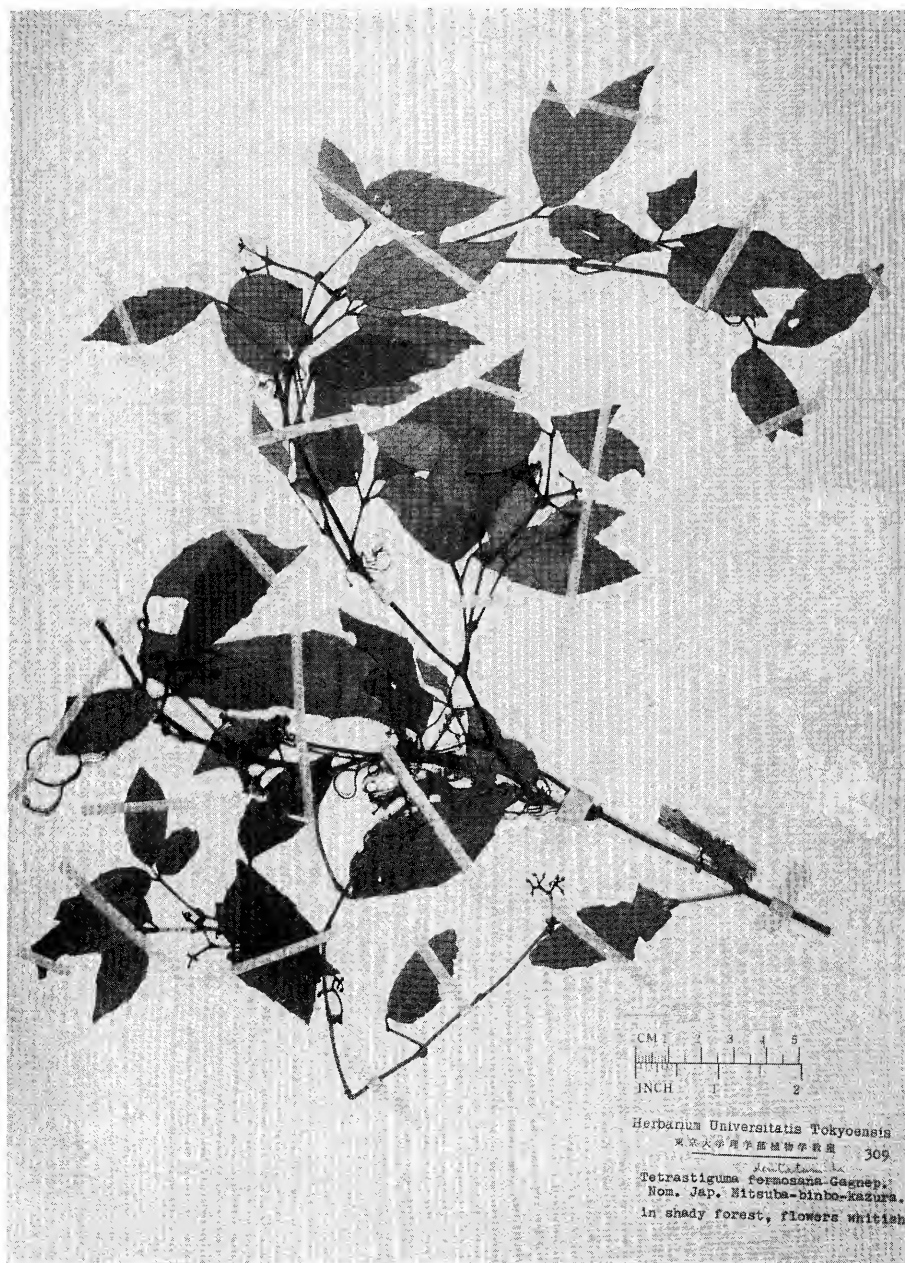


Fig. 2. *Tetrastigma liukiense* Yamaz. Type.

30, 1891, no. 164, TI), Sine dato (T. Miyagi, TI), Motobu, Nago-Fuuma (Kimura et Hurusawa, Sept. 20, 1940, TI), Katsuudake, 400 m, in evergreen forest,

flowers whitish green (T. Yamazaki, Jun. 24, 1971, no. 309, Typus, TI).

山崎 敬：琉球からのミツバカズラ属（ブドウ科）の 1 新種

琉球のミツバカズラ属の植物は中井先生（1922）が同定して以来、永らく台湾のミツバビンボウカズラ *Tetrastigma formosanum* (Hemsl.) Gagnepain と同じものとされていたが、花卉に鉤状突起のある点で、全く別の種類であることに以前から気がついていた。最近、初山泰一氏（1989）はこれを台湾の *T. dentatum* (Hayata) Li ミツバカズラに変更されたが、花序が無毛の点が異なるとしている。ミツバカズラからは花序以外

に、葉の先が鋭頭かみじかく鋭尖頭になって、ミツバカズラのように長く鋭尖頭にはならない点が異なる。また 1 例しか見ていないので確実ではないが、花柱の 4 裂する柱頭は柄より短くて、ミツバカズラがほぼ同長なのと異なる。ミツバカズラに最も近いが、琉球固有の種類として区別するのがよいと思う。和名には初山氏が *T. dentatum* として琉球のものに付けたオモロカズラを使えばよいであろう。